



Supplementary information, Figure S4 Expression of endothelial progenitor, endocardial and cardiac progenitor genes by endothelial cells derived from the human Isl1⁺ progenitors.

(A-D) qPCR data showing expression levels of (A) endothelial progenitor genes, (B) endocardial genes, and (C, D) cardiac progenitor genes in human OECS, HMVECs-c, CD144⁺CD31⁺ ECs derived from the outflow tract of human fetal heart (OFT-ECs) at 10 or 20 weeks of gestation, day-7 human Isl1-cre eGFP⁺ cells (Isl1⁺ progenitors) or CD144⁺CD31⁺ ECs derived from day-7 human Isl1-cre eGFP⁺ cells (Isl1-ECs) in the presence of VEGF-A for 7 (D14) or 14 days (D28). Expression levels were compared to that of the hESCs or hESC-derived cardiomyocytes (value on y-axis = 1), *P<0.05, **P<0.01 and ***P<0.005.